7. (Amended) A system of binding sheets into a bound text body, comprising:

an adhesive former configured to sequentially press localized regions of a preformed heated solid hot melt adhesive into a spine of a text body at different respective times, wherein each localized region is pressed without simultaneously pressing other regions of the hot melt adhesive into the spine, the adhesive former being further configured to sequentially fold down localized edge regions of the preformed solid hot melt adhesive into contact with the text body.

15. (Amended) A method of binding sheets into a bound text body, comprising:

dispensing a solid hot melt adhesive over a spine of a text body;

heating one or more localized areas of the dispensed adhesive to a temperature sufficient to tack the hot melt adhesive to the text body spine without melting other areas of the hot melt adhesive; and

cutting the tacked adhesive to width.

Please add the following new claims.

21. The system of claim 1, wherein the multi-function sheet binder is configured to actively cool the formed adhesive by contacting the formed adhesive with an adhesive cooler.

22. The system of claim 21, wherein the adhesive cooler comprises a heat sink with multiple heat fins.

23. The system of claim 22, wherein the adhesive cooler comprises a fan configured to direct a flow of air over the heat fins of the heat sink.

24. The system of claim 1 incorporated into a desktop bookmaking system.

25. The system of claim 5, wherein the elongated clamp supports multiple spaced apart heating elements.

26. The system of claim 25 wherein adjacent pairs of heating elements are spaced apart by respective distances on the order of 1-4 cm.

27. The system of claim 4, further comprising a cutting wheel operable to cut the hot melt adhesive.

28. The system of claim 27, wherein the system is configured so that the spot heater holds the hot melt adhesive in place over the text body spine while the cutting wheel cuts the hot melt adhesive.

29. The system of claim 28, wherein the system is configured so that the spot heater applies sufficient heat and pressure to tack the hot melt adhesive to the text body spine at one or more locations while the spot heater holds the hot melt adhesive in place.

30. The system of claim 4 incorporated into a desktop bookmaking system.

31. The system of claim 7, wherein the system is configured to position the adhesive former in contact with an area of the preformed hot melt adhesive disposed over a centrally located region of the text body spine.

32. The system of claim 31, wherein the system is configured to move the adhesive former along a continuous path leading from the centrally located region of the text body spine, to a first spine end region, to a second spine end region, and back to the centrally located region of the text body spine.

33. The system of claim 7 incorporated into a desktop bookmaking system.

34. The method of claim 15, wherein multiple spaced apart localized areas of the dispensed adhesive are heated to a temperature sufficient to tack the adhesive to the text body spine.

35. The method of claim 34, wherein adjacent pairs of the localized areas of the dispensed adhesive are spaced apart by respective distances on the order of 1-4 cm.

36. The method of claim 17, wherein the melted adhesive is formed by positioning an adhesive former in contact with an area of the preformed hot melt adhesive disposed over a centrally located region of the text body spine, and moving the adhesive former along a continuous path leading from the centrally located region of the text body spine, to a first spine end region, to a second spine end region, and back to the centrally located region of the text body spine.

37. The method of claim 16, further comprising actively cooling the formed hot melt adhesive.

38. The method of claim 15, wherein the hot melt adhesive is cut while the hot melt adhesive is being heated.

COMMENTS

Charge any excess fees or apply any credits to Deposit Account No. 08-2025.

Respectfully submitted,

Date: June 24, 2003

Edouard Garcia
Reg. No. 38,461
Telephone No.: (650) 631-6591

Please direct all correspondence to:

Hewlett-Packard Company
Intellectual Property Administration
Legal Department, M/S 35
P.O. Box 272400
Fort Collins, CO 80528-9599